(FILE 'HOME' ENTERED AT 09:07:14 ON 23 SEP 2003)

FILE 'MEDLINE' ENTERED AT 09:07:25 ON 23 SEP 2003

L1 327 SEA PLU=ON (AMINOGLYCOSIDE OR GENTAMYCIN OR TOBRAMYCIN OR

AMIKACIN OR NEOMYCIN OR SISOMICIN OR NETILMICIN) AND (CONDENS?

OR COMPLEX?) AND (NUCLEIC ACID OR DNA OR RNA OR DSRNA

OR

DOUBLE STRANDED OR PLASMID OR VECTOR)

L2 214 SEA PLU=ON L1 AND AMINOGLYCOSIDE

L3 79 SEA PLU=ON L2 AND ((CONDENS? OR COMPLEX) (5A) (NUCLEIC ACID

OR DNA OR RNA OR DSRNA OR DOUBLE STRANDED OR PLASMID

OR

VECTOR))

DTI 40-79

L4 4 SEA PLU=ON L3 AND TRANSFEC?

D BIB AB 1-4

DTI 1-39

DTIL4 1-39

DTIL3 1-39

D BIB AB 21 23 37 42 54 59 63 75 76

D BIB AB L3 21 23 37 42 54 59 63 75 76

D KWIC L3 21

L5 0 SEA PLU=ON (DSRNA OR DOUBLE STRANDED RNA) AND INTERFERON AND

LUNG AND AEROSOL?

FILE 'STNGUIDE' ENTERED AT 09:38:46 ON 23 SEP 2003

FILE 'MEDLINE' ENTERED AT 09:48:42 ON 23 SEP 2003

L6 0 SEA PLU=ON (DSRNA OR DOUBLE STRAND? RNA) AND AEROSOL? AND

LUNG

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT 09:49:28

ON 23 SEP 2003

L7 5 SEA PLU=ON L6

L8 4 DUP REM L7 (1 DUPLICATE REMOVED)

D BIB AB 1-4

L9 55 SEA PLU=ON BRL 5907

D BIB AB 50-55

D BIB AB 5 10 15 20 25 30 35 40 45

FILE 'STNGUIDE' ENTERED AT 09:58:41 ON 23 SEP 2003

FILE 'MEDLINE' ENTERED AT 09:58:46 ON 23 SEP 2003 L10 27 SEA PLU=ON AEROSOL AND AERODYNAMIC DIAMETER AND ALVEOLI

D BIB AB 22-27

(FILE 'HOME' ENTERED AT 13:02:56 ON 23 SEP 2003)

FILE 'MEDLINE' ENTERED AT 13:03:17 ON 23 SEP 2003
L1 0 SEA PLU=ON AEROSOL AND LUNG AND TUMOR AND
(POLYLYSINE OR
POLY-L-LYSINE)

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT 13:03:59

ON 23 SEP 2003

L2 3 SEA PLU=ON L1

L3 3 DUP REM L2 (0 DUPLICATES REMOVED) D BIB AB 1-3

(FILE 'HOME' ENTERED AT 07:33:37 ON 24 SEP 2003)

FILE 'MEDLINE' ENTERED AT 07:33:47 ON 24 SEP 2003

L1 1087 SEA PLU=ON (CHRYSOGENUM OR FUNICULOSUM OR STOLONIFERUM AND

(DOUBLE STRANDED RNA OR DSRNA))

L2 4 SEA PLU=ON L1 AND REVERSE TRANSCRIPTASE D BIB AB 1-4

L3 1000 SEA PLU=ON L1 AND PENICILLIUM D KWIC L2 1-4

L4 40 SEA PLU=ON (CHRYSOGENUM OR FUNICULOSUM OR STOLONIFERUM) AND

(DOUBLE STRANDED RNA OR DSRNA)

D TI 1-40

D BIB AB 18 25

FILE HOME

(FILE 'HOME' ENTERED AT 12:54:09 ON 24 SEP 2003)

FILE 'MEDLINE' ENTERED AT 12:54:18 ON 24 SEP 2003

L1 4 SEA PLU=ON AEROSOL? AND (LIPID OR LIPOSOME) AND (POLYCATION

OR POLYLYSINE OR POLY-L-LYSINE OR POLYETHYLENEIMINE OR POLYETHYLENE IMINE)

D BIB AB 1-4

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT 12:58:29

ON 24 SEP 2003

L2 35 SEA PLU=ON L1

L3 29 DUP REM L2 (6 DUPLICATES REMOVED)

DTI 1-29

D BIB AB 7-10,17,18,22,28

FILE 'MEDLINE' ENTERED AT 13:13:48 ON 24 SEP 2003

L4 3 SEA PLU=ON (LIPID OR LIPOSOME) AND AEROSOL AND P53 AND (TUMOR

OR METAST? OR CANCER OR CARCINO?)

L5 3 SEA PLU=ON (LIPID OR LIPOSOME) AND (AEROSOL? OR NEBULI?) AND

> P53 AND (TUMOR OR METAST? OR CANCER OR CARCINO?) D BIB AB 1-3

(FILE 'HOME' ENTERED AT 07:15:26 ON 25 SEP 2003)

FILE 'MEDLINE' ENTERED AT 07:15:32 ON 25 SEP 2003

L1 100 SEA PLU=ON OLIGONUCLEOTIDE AND ANTISENSE AND (POLYCATION OR

POLYLYSINE OR POLYETHYLENE?)

D TI 70-100

D BIB AB 83 92 97 98 99 100

FILE 'STNGUIDE' ENTERED AT 07:30:04 ON 25 SEP 2003

FILE 'MEDLINE' ENTERED AT 07:30:15 ON 25 SEP 2003

L2 22 SEA PLU=ON POLYLYSINE AND ANTISENSE AND OLIGONUCLEOTIDE AND

COMPLEX?

D TI 1-22

D IB AB 15

D BIB AB 16-22

```
S #
    Updt
          Database
                             Query
                                             Time
                                                   Comment
 S8986
     U
       USPT
                   4400375.pn.
                                          2003-09-25
                                          09:36:25
 S8985
     U
       PGPB
                   20030096774 and high molecular weight
                                          2003-09-25
                                          09:07:07
 S8984
     U
       PGPB
                   20030096774
                                          2003-09-25
                                          09:06:47
 S8983
     U
       USPT
                   antisense and (oligonucleotide same
                   (polyethyleneimine or polyethylene imine))
                                          2003-09-25
                                          07:03:27
 S8982
     U
       USPT
                   (poly C or polycytosine or polycytidine) and
                   polycation and oligonucleotide and interferon
                                          2003-09-24
                                          15:31:10
 S8981
     U
       USPT
                   (poly C or polycytosine or polycytidine) and
                   polycation and interferon
                                          2003-09-24
                                          15:30:26
```

S8980

```
U
      USPT
                   (poly C or polycytosine or polycytidine) and
                   plycation and interferon
                                           2003-09-24
                                           15:30:12
S8979
    U
      USPT
                   antisense and (oligonucleotide same polycation)
                                           2003-09-24
                                           14:57:20
S8978
    U
      USPT
                   antisense and (oligonucleotide same poycation)
                                          2003-09-24
                                           14:57:11
S8977
    \mathbf{U}
      USPT
                   5994315.pn. and (polylysine or condens$)
                                           2003-09-24
                                           14:53:19
S8976
    U
      USPT
                   5994315.pn. and rna
                                          2003-09-24
                                           14:52:51
S8975
    U
      USPT
                   5994315.pn. and polycation
                                          2003-09-24
                                           14:51:03
S8974
    U
      USPT
                   6,070,575.pn.
                                          2003-09-24
                                           14:28:08
S8973
    \mathbf{U}
      USPT
                  6,070,575.pn. and liposom$
```

2003-09-24 14:28:01

2003-09-24

S8972 U **USPT** (((aerosol and (((lipid or liposome) and polycation and nucleic).clm.))and polycation)and (aminoglycoside or gentamycin or tobramycin or amikacin or neomycin or sisomicin or netilmicin)) 2003-09-24 14:27:23 S8971 U **USPT** ((aerosol and (((lipid or liposome) and polycation and nucleic).clm.))and polycation) and (aminoglycoside or gentamycin or tobramycin or amikacin or neomycin or sisomicin or netilmicin) 2003-09-24 13:10:07 S8970 U **USPT** ((aerosol and (((lipid or liposome) and polycation and nucleic).clm.))and polycation) 2003-09-24 13:09:03 S8969 U **USPT** (aerosol and (((lipid or liposome) and polycation and nucleic).clm.)) and polycation 2003-09-24 13:05:15 S8968 U **USPT** aerosol and (((lipid or liposome) and polycation and nucleic).clm.) 2003-09-24 13:02:59 S8967 U **USPT** aerosolL1

```
13:02:50
S8966
   U
      USPT
                  ((lipid or liposome) and polycation and nucleic).clm.
                                         2003-09-24
                                         13:01:39
S8965
   U
      USPT
                  (negative same charge same surface same cell) and
                  polycation and transfect$
                                         2003-09-24
                                         10:24:44
S8964
   U
      USPT
                  negative same charge same surface same cell
                                         2003-09-24
                                         10:24:20
S8963
   U
      USPT
                  (negative same charge same surface same cell)
                                         2003-09-24
                                         10:24:15
S8962
   U
      JPAB,EPAB,DWPI,TDBD
                  negative same charge same surface same cell
                                         2003-09-24
                                         10:24:11
S8961
   U
      JPAB,EPAB,DWPI,TDBD
                  negative surface charge same (polylysine or
                  polyethyleneimine or polyethylene imine)
                                         2003-09-24
                                         10:23:36
S8960
```

negative surface charge same polycation

2003-09-24 10:22:47

S8959

U

JPAB, EPAB, DWPI, TDBD

```
U
      USPT
                  negative surface charge same polycation
                                         2003-09-24
                                         10:20:15
S8958
   U
      USPT
                  6395253.pn. and aerosol$
                                         2003-09-24
                                         10:17:09
S8957
   U
      USPT
                  (polycation same ($nuclease or nucleolytic or stable
                  or stailiz$) same charge ) and (polylysine and
                  (polyethyleneimine or polyethylene imine))
                                         2003-09-24
                                         10:12:50
S8956
   U
      USPT
                  polycation same ($nuclease or nucleolytic or stable
                  or stailiz$) same charge
                                         2003-09-24
                                         10:11:55
S8955
   U
      USPT
                  polycation same nuclease same charge
                                         2003-09-24
                                         10:10:47
S8954
   U
      USPT
                  polycation same nuclease same uptake same charge
                                         2003-09-24
                                         10:10:30
S8953
   U
      PGPB
                  ((20030096774)) and high molecular weight
                                         2003-09-24
                                         07:18:16
S8952
   U
```

```
USPT
                  (nucleic and ((gonda.in. and aerodynamic diameter
                  ))) and alveol$
                                        2003-09-24
                                        06:59:44
S8951
   U
      USPT
                 nucleic and ((gonda.in. and aerodynamic diameter ))
                                        2003-09-24
                                        06:57:20
S8950
   U
      USPT
                  nucleicL7
                                        2003-09-24
                                        06:57:10
S8949
   U
      USPT
                  (gonda.in. and aerodynamic diameter)
                                        2003-09-24
                                        06:55:39
S8948
   U
      USPT,PGPB
                 gonda.in. and aerodynamic diameter
                                        2003-09-24
                                        06:55:30
S8947
   U
      USPT
                 (gonda.in. and aerodynamic diameter)
                                        2003-09-24
                                        06:55:26
S8946
   U
      PGPB
                 gonda.in. and aerodynamic diameter
                                        2003-09-24
                                        06:55:15
S8945
   U
     PGPB
                 (20030096774) and volume
                                        2003-09-24
```

06:40:48 S8944 U **PGPB** (20030096774) and volumn 2003-09-24 06:40:43 S8943 U **USPT** (human and gd and (herpes virus or herpesvirus) and (vaccine or vaccina\$)).clm. 2003-09-23 15:26:43 S8942 U **USPT** human.clm. and ((herpes virus or herpesvirus and (vaccine or vaccina\$)).clm.) 2003-09-23 15:23:55 S8941 U **USPT** (herpes virus or herpesvirus and (vaccine or vaccina\$)).clm. 2003-09-23 15:22:34 S8940 U **USPT** endosomolytic.clm. 2003-09-23 14:10:43 S8939 U **PGPB** endosomolytic.clm. 2003-09-23 14:10:36 S8938

20030096774 and (200 or 200%)

2003-09-23 14:02:33

U

PGPB

```
S8937
     U
       PGPB
                   (20030096774) and biologically active
                                          2003-09-23
                                          13:41:10
S8936
     U
       PGPB
                      20030096774
                                           2003-09-23
                                           13:40:53
 S8935
     U
       USPT
                      6379966.pn. and oligonucleotide
                                           2003-09-23
                                           12:36:12
 S8934
     U
       USPT
                      polycation same (polylysine and histone and
                      protamine and polyethyleneimine)
                                           2003-09-23
                                           12:20:55
 S8933
     U
       USPT
                      polycation same polylysine same histone same
                      protamine same polyethylene imine
                                           2003-09-23
                                           12:20:22
 S8932
     U
       USPT
                      (cation$ or polycation$) same (colistin)
                                           2003-09-23
                                           12:09:20
 S8931
     U
       USPT
                      colistin
                                           2003-09-23
                                           12:08:59
 S8930
     \mathbf{U}
```

USPT

colistin

2003-09-23 12:08:41

S8929

+ U

USPT

(aerosol and lung and (nucleic or polynucleotide or dna or rna or vector)).clm. 2003-09-23 10:33:42